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IN THE UNITED STATES PATENT & TRADEMARK OFFICE

In re Patent Application

WILLY ZWAHLEN

Group Art Unit: 126

Serial No. 125,529, filed February 28, 1980

For: PROCESS

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STATEMENT OF PUBLICATIONS

Nutley, New Jersey 07110  
May 14, 1980

RECEIVED

Honorable Commissioner of Patents & Trademarks

MAY 23 1980

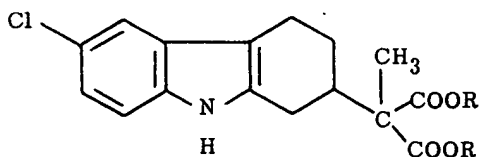
Washington, D.C. 20231

GROUP 120

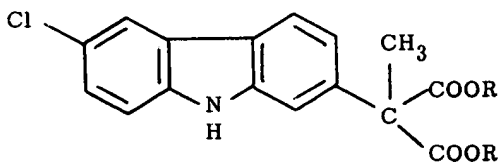
Sir:

This Statement is submitted pursuant to and in compliance with the provisions of 1.56, 1.97, 1.98 and 1.99 of Title 37 of the Federal Regulations as amended.

The invention of the captioned application relates to the aromatization of a compound of the formula



wherein R is lower alkyl,  
by treatment with chlorine and subsequent hydrolysis and decarboxylation of the resulting compound of the formula



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wherein R is as previously described,  
to yield 6-chloro- $\alpha$ -methyl-carbazole-2-acetic acid.

In connection with the foregoing invention, applicant wishes to bring the following publications to the attention of the Patent Office:

- ✓ 1) U.S. Patent 4,158,007;
- ✓ 2) U.S. Patent 3,896,145;
- ✓ 3) "Synthesis of N-carbomethoxymethanocarbazole", Ashmore et al., Synthetic Communications, 6(6), 399-402 (1976) (copy enclosed);
- ✓ 4) "Addition Reactions of Heterocyclic Compounds. Part XLVIII. Reactions of Indoles with Dimethyl Acetylenedicarboxylate in the Presence and Absence of Solvents", Acheson et al., J. Chem. Soc. Perkin, 1569 (1972) (copy enclosed);
- ✓ 5) Helv. Chim. Acta 12, 2 (1929) (copy enclosed);
- ✓ 6) "Dehydrogenation and Methylation of 1,2,3,4-tetrahydro-9-methylcarbazoles during Vilsmeier-Haack Formylation" by Peter Bruck, Chemical Communications, p. 1690 (1970) (copy enclosed);
- ✓ 7) Annalen 359, 49 (copy enclosed);
- ✓ 8) CA 80 (1974) 82540q (copy enclosed);

- ✓ 9) "Synthesis and Investigation of the Antiviral Properties of Dibenzofuran Derivatives", Grinev et al., Khimiko-Farmatsevticheskii Zhurnal, Vol. 7, No. 12, pp. 19-21 (1973) (copy enclosed);
- ✓ 10) Derwent 40716, 3.5.1968, Dutch Pat. Publication 69 06059 (copy enclosed);
- ✓ 11) Derwent G8859, 25.5.1965, U.S. 3,317,552 (copy enclosed);
- ✓ 12) Derwent 62340T, 5.2.1971, Japanese Pat. Publication 4,717,760 (copy enclosed); and
- ✓ 13) Derwent 33801W, 17.11.1972, Russian Patent 437,770 (copy enclosed).

The Examiner is respectfully requested to consider the above publications in connection with the examination of the captioned application. Applicant respectfully submits, however, that while the publications may bear upon the state of the art, no one of the aforementioned publications, whether taken alone or in combination, anticipates or suggests or renders obvious the claimed process of the invention.

The Examiner is hereby authorized to call the undersigned attorney of record "collect" on any matter connected with this application. The telephone number is Area Code 201, 235-4393. In the absence of the undersigned attorney of record, the call will be accepted by any other attorney empowered in this application.

Respectfully submitted,

  
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WGI:pm

Encs.